

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,177,617 B2
APPLICATION NO. : 10/749012
DATED : February 13, 2007
INVENTOR(S) : Kerth et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 6 (Col. 6, line 39)

“where $e^{-j\omega_{IF}t} = \cos\omega_{IF}t - j\sin\omega_{IF}t$ ”

(insert --j-- before the “Sin”)

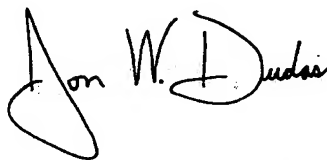
Claim 20 (Col. 9, line 24)

“ $IFLO(t) = e^{-j\omega_{IF}t}$ ”

(move “IF” up to superscript with rest of expression after the “e”)

Signed and Sealed this

Fifteenth Day of May, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office